

PI 572415 to 572417-continued

PI 572416 **origin:** UNKNOWN. **cultivar:** NO 54-338. **other id:** W6 7103. **group:** W6. Cultivar. Seed.

PI 572417 **origin:** UNKNOWN. **cultivar:** NO 54-336. **other id:** W6 12758. **group:** W6. Cultivar. Seed.

PI 572418 to 572420. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Arizona Agr. Exp. Sta., Arizona, United States.
Received 1966.

PI 572418 **origin:** UNKNOWN. **cultivar:** ARIZ SAFFLOWER COMPOSITE III. **other id:** W6 7105. **group:** W6. Cultivar. Seed.

PI 572419 **origin:** UNKNOWN. **cultivar:** A 12417. **other id:** W6 12759. **group:** W6. Cultivar. Seed.

PI 572420 **origin:** UNKNOWN. **cultivar:** A 101. **other id:** W6 7107. **group:** W6. Cultivar. Seed.

PI 572421. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Gilbert, N.W., Arizona Agr. Exp. Sta., Mesa Branch, Mesa, Arizona, United States; and Agricultural Research Service -- USDA. **Received** 1965.

origin: United States. **developed:** N.W. Gilbert, D.G. Lorange. **origin institute:** Arizona Agr. Exp. Sta., Mesa Branch, Mesa, Arizona United States. **cultivar:** FRIO. **pedigree:** Bulk selection from F5 generation of A5731-5/61114-29-9-4-9. **other id:** CV-3. **source:** Crop Sci. 6(4):390 1966. **group:** CSR-SAFFLOWER. **other id:** W6 7106. **group:** W6. **remarks:** Considerably greater cold tolerance in the early growth stages than Gila or other varieties. More resistance to *Phytophthora* root rot than Gila. Susceptible to rust (*Puccinia carthami*) and other sunflower diseases, including several mosaic viruses. Some variability in agronomic characteristics occurs among individual plants. Flowers predominately yellow with a few orange. Seed varies from white to gray; intermediate seed appears striped. Cultivar. Seed.

PI 572422 to 572431. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Utah ARS-USDA, Nebraska, United States. **Received** 1965.

PI 572422 **origin:** United States. **cultivar:** N 1. **other id:** W6 12760. **group:** W6. Cultivar. Seed.